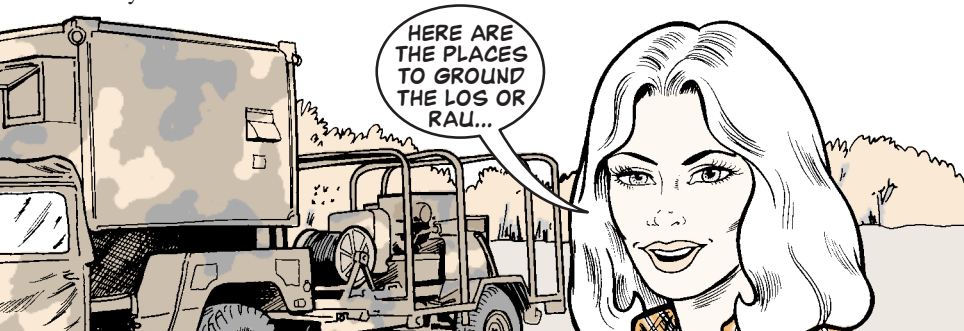
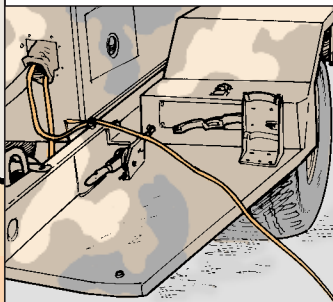


# Ground the LOS and RAU

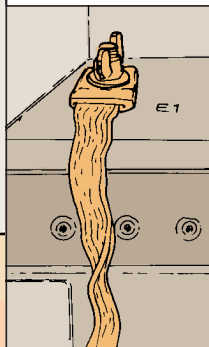
If your mobile subscriber equipment (MSE) line-of-sight (LOS) radio terminal or radio access unit (RAU) is not grounded in **three** places, it's not grounded safely.



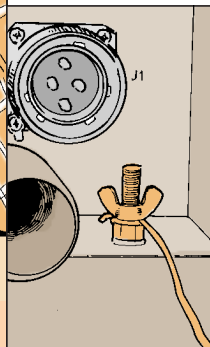
**1. Generator:** Run a ground wire from the ground terminal in the terminal box to the trailer's ground lug. Then run another ground wire from the trailer's ground lug to earth ground.



**2. S-250 shelter's power entry panel:** Ground the E1 ground lug.



**3. S-250 shelter's signal entry panel:** Ground the E1 ground lug.



You must ground all three with separate ground wires and rods to avoid a possible shock. Not grounding the signal entry panel can create an additional problem: signal interference.

And while you're at it, look at the terminals and ground lugs for dirt, grease, corrosion and paint. They can kill a good ground connection. Remove dirt and grease with solvent, NSN 6850-00-281-1985. Use fine sandpaper or a wire brush to get rid of any corrosion or paint. But be careful using these abrasives. You could do more damage than you do good!